

Clear Skies

by Arya Akhavan (August 2013)

Angles for R.I. = 1.610

101 + 24 girdles = 125 facets

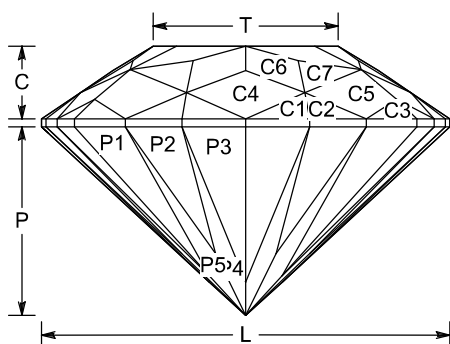
4-fold, mirror-image symmetry

96 index

L/W = 1.000 T/W = 0.453 U/W = 0.453

P/W = 0.461 C/W = 0.177

Vol./W³ = 0.243



PAVILION

P1	41.00°	05-19-29-43-53-67-77-91	Cut to centerpoint.
P2	42.18°	03-21-27-45-51-69-75-93	Meet at culet.
P3	42.86°	01-23-25-47-49-71-73-95	Meet at culet.
G1	90.00°	05-19-29-43-53-67-77-91	Set stone size.
G2	90.00°	03-21-27-45-51-69-75-93	Level girdle.
G3	90.00°	01-23-25-47-49-71-73-95	Level girdle.
P4	42.33°	02-22-26-46-50-70-74-94	Meet G2, G3, P2, P3
P5	41.40°	04-20-28-44-52-68-76-92	Meet P1, P2, G1, G2; culet

CROWN

C1	36.91°	01-23-25-47-49-71-73-95	Set girdle width.
C2	36.91°	03-21-27-45-51-69-75-93	Level girdle.
C3	36.91°	05-19-29-43-53-67-77-91	Level girdle.
C4	34.00°	96-24-48-72	Meet {G1 OR G6}, C1
C5	34.28°	04-20-28-44-52-68-76-92	Meet {G2, G3 OR G4, G5}, C2, C3
C6	31.12°	01-23-25-47-49-71-73-95	Meet C1, C2, C4, C5
C7	31.12°	03-21-27-45-51-69-75-93	Meet C1, C2, C4, C5, C6
C8	21.60°	05-19-29-43-53-67-77-91	Meet C5, C7
T	0.00°	Table	Meet C8, C9

It's a wonderful sunny fall day today, and for some reason, instead of being outside, I'm being productive while cooped up inside. I ended up taking a pre-existing crown from "Confusion" and making it a bit more "standard" (boring). Works in materials from beryl to CZ (RI = 1.58 - 2.16) with no changes, but I prefer it in blue topaz.

Suggested size = 12-25 mm

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